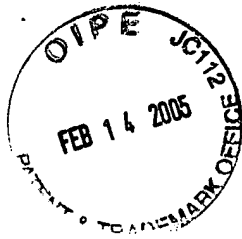
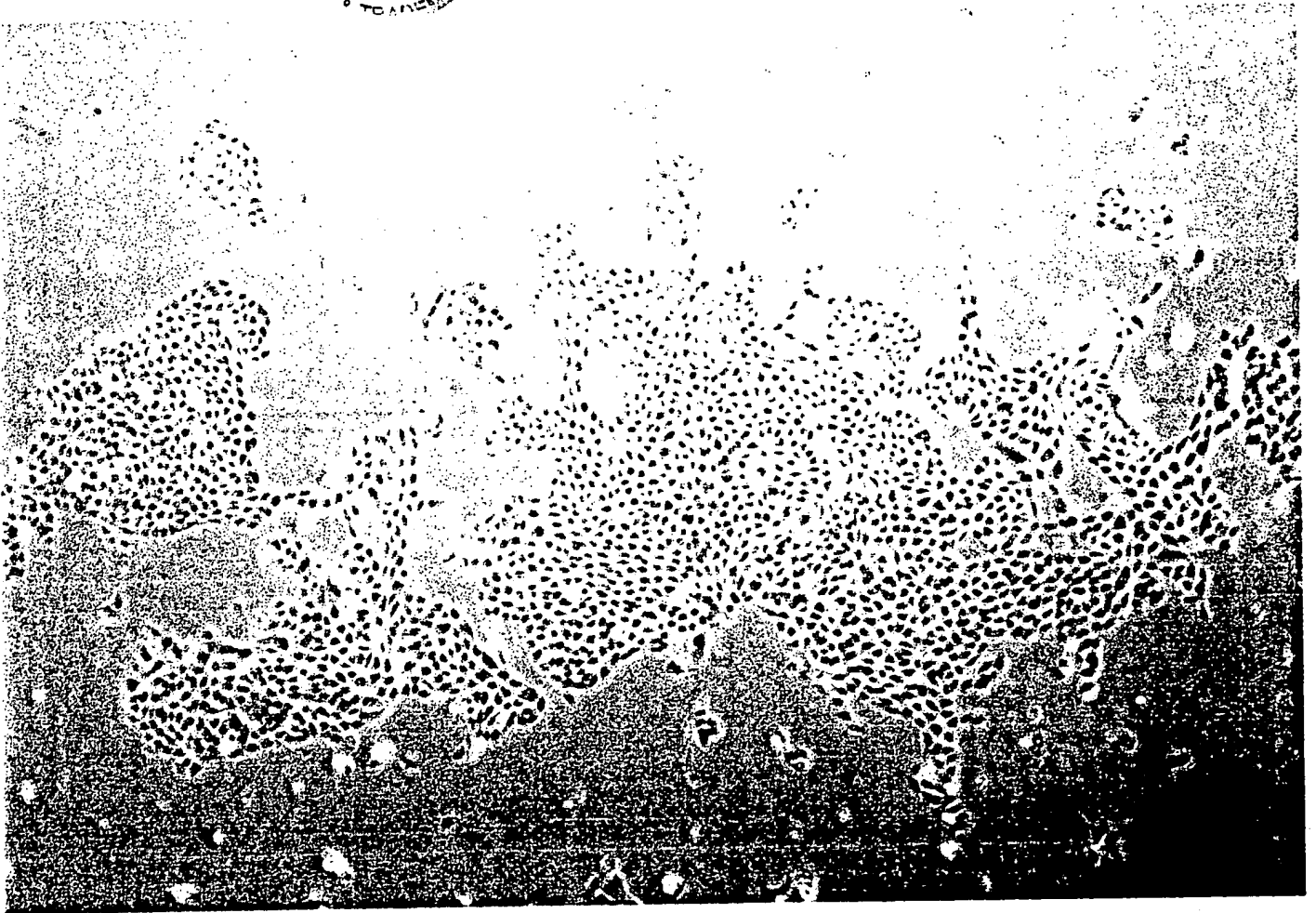


**EXPERIMENT 2 - PLATE B - 72 HRS
COMPLETE MEDIA W/ PROTEIN GROWTH FACTORS
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

FIGURE 1



2/11

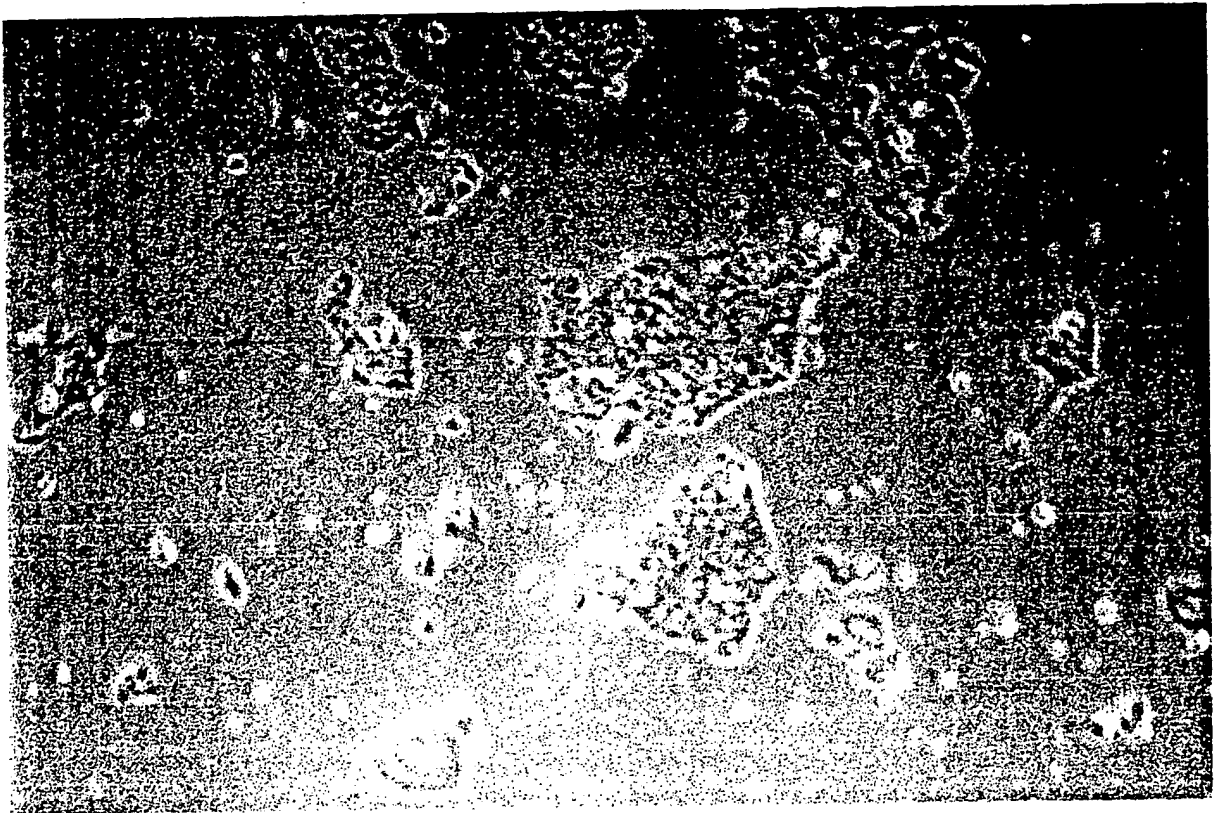


**EXPERIMENT 2 - PLATE C - 72 HRS
STANDARD MEDIA W/ RETINYL ACETATE
NO PROTEIN GROWTH FACTORS
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

FIGURE 2



3/11



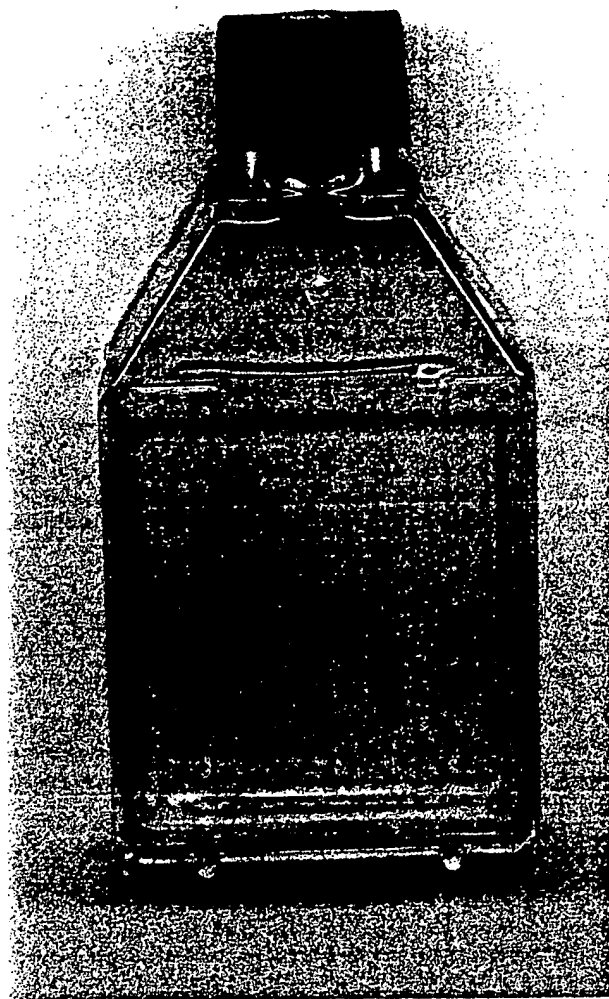
**EXPERIMENT 2 - PLATE D - 72 HRS
STANDARD MEDIA W/ NO RETINYL ACETATE &
NO PROTEIN GROWTH FACTORS
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

FIGURE 3



Serial No. 09/694,393
Replacement Sheet

4/11



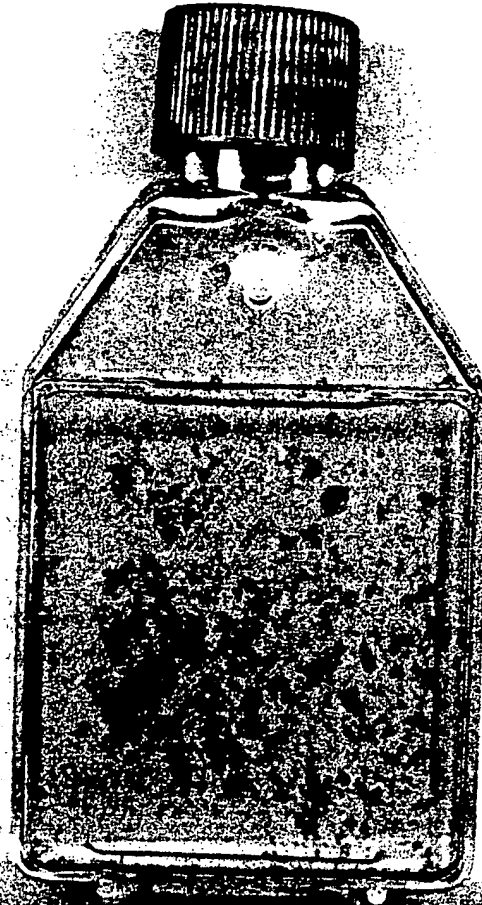
**EXPERIMENT 2 - PLATE A - 1 HR
TOTAL CELL PLATING
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY UNITS = 1.0**

FIGURE 4



Serial No. 09/694,393
Replacement Sheet

5/11



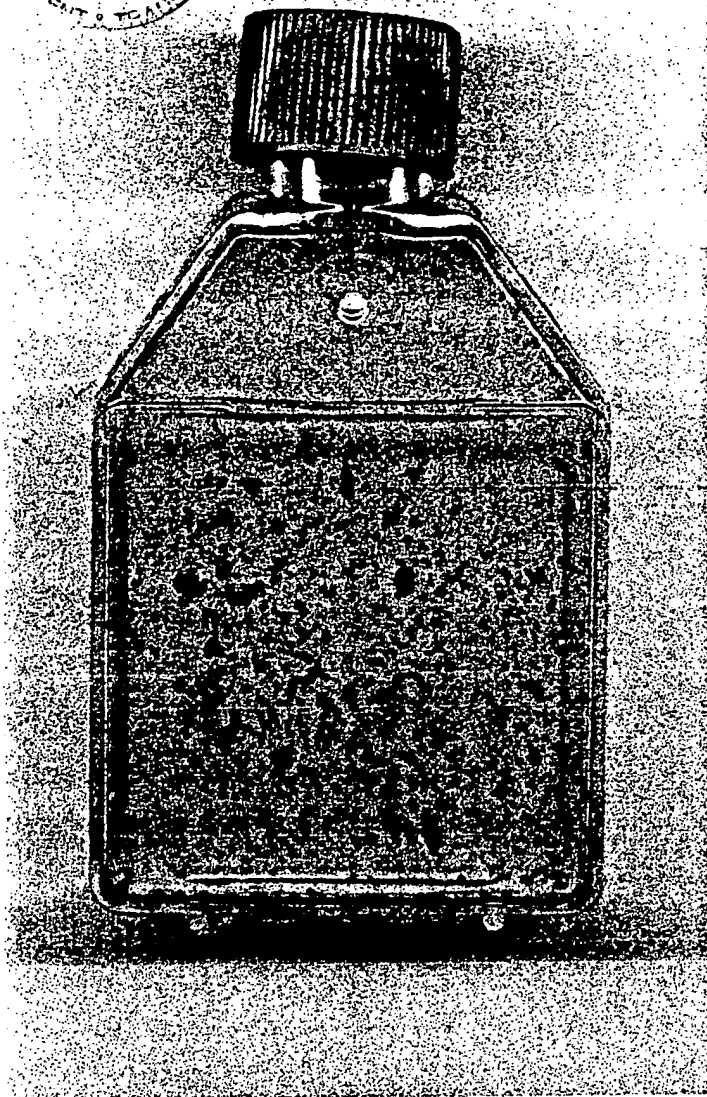
EXPERIMENT 2 - PLATE B - 72 HRS
COMPLETE MEDIA W/ PROTEIN GROWTH FACTORS
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY UNITS TO PLATE A = 33.8

FIGURE 5



6/11

Serial No. 09/694,393
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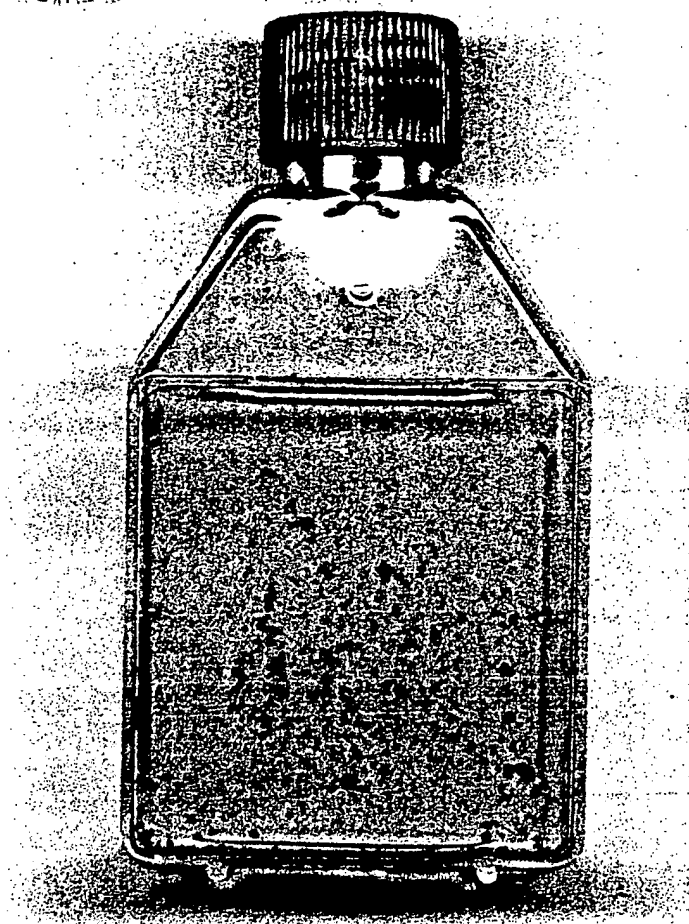
**EXPERIMENT 2 - PLATE C - 72 HRS
STANDARD MEDIA W/ RETINYL ACETATE
NO PROTEIN GROWTH FACTORS
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY UNITS TO PLATE A = 29.7**

FIGURE 6



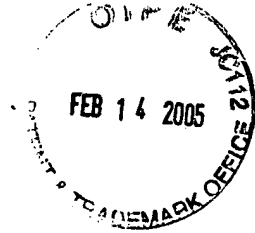
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7/11



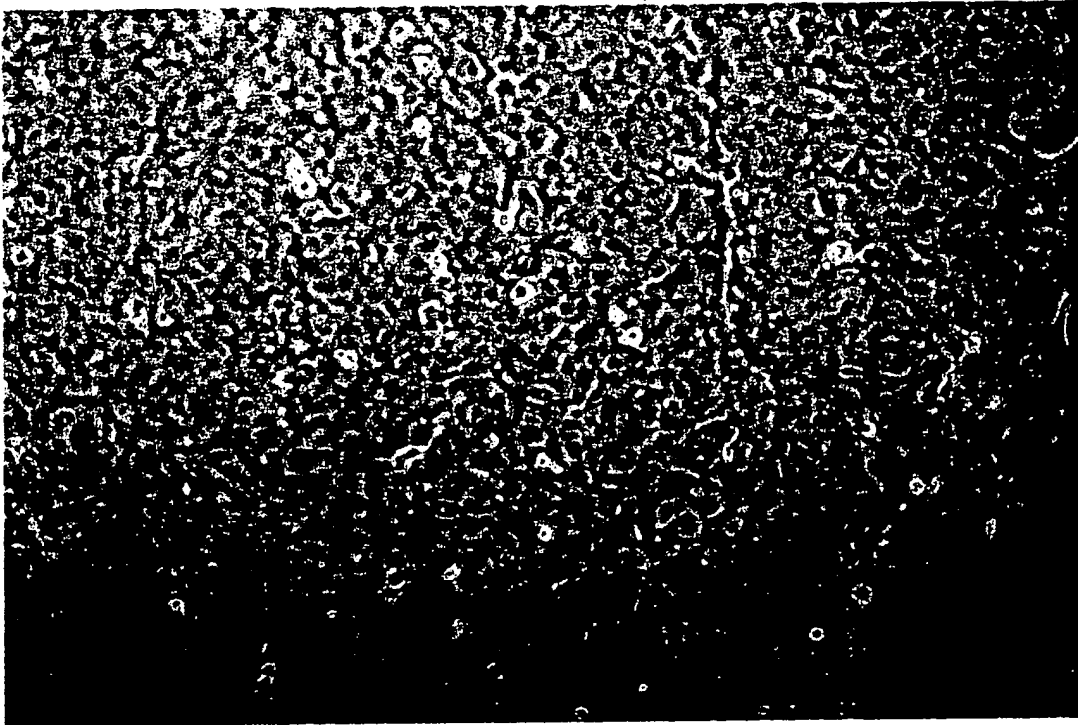
**EXPERIMENT 2 - PLATE D - 72 HRS
STANDARD MEDIA W/ NO RETINYL ACETATE &
NO PROTEIN GROWTH FACTORS
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY TO PLATE A = 6.7**

FIGURE 7



Serial No. 09/694,393
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8/11



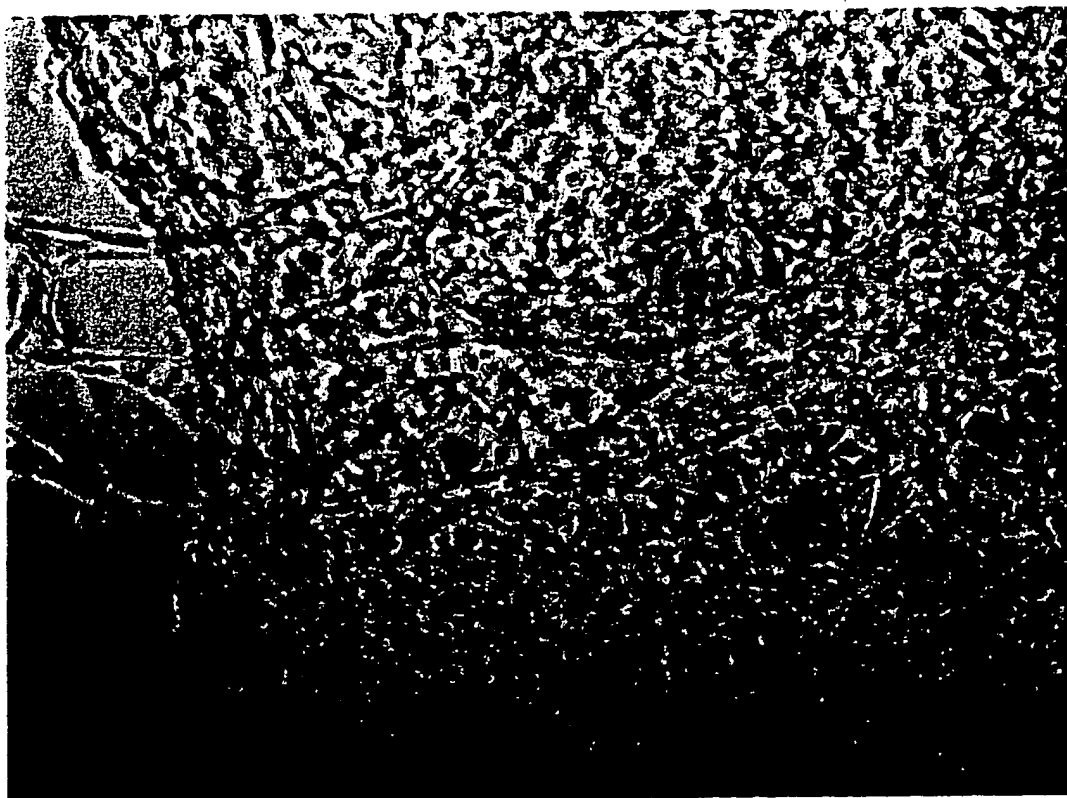
**RETINYL ACETATE CULTURE TREATMENT
PRE-DIPASE RELEASE OF SKIN SHEET
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION**

FIGURE 8



Serial No. 09/694,393
Replacement Sheet

9/11



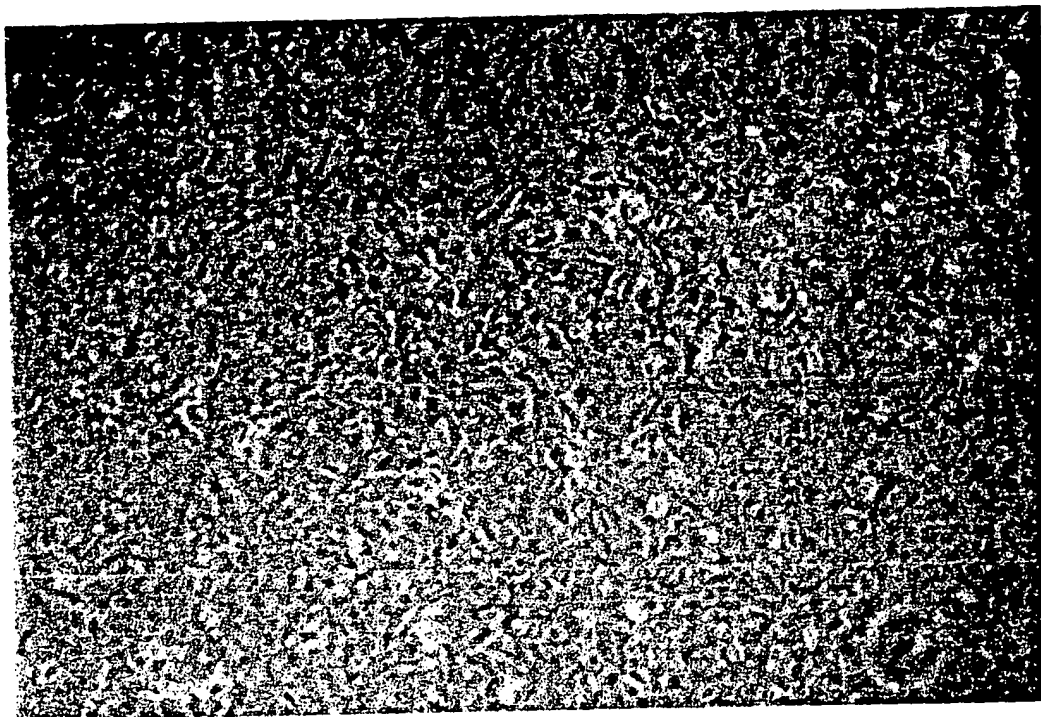
**RETINYL ACETATE
WITHOUT PROTEIN GROWTH FACTORS
RETINYL ACETATE - SKIN SHEET
TREATED W/ FBS +1mm Ca⁺⁺
DISPASE TOTAL RELEASE
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION**

FIGURE 9



Serial No. 09/694,393
Replacement Sheet

10/11



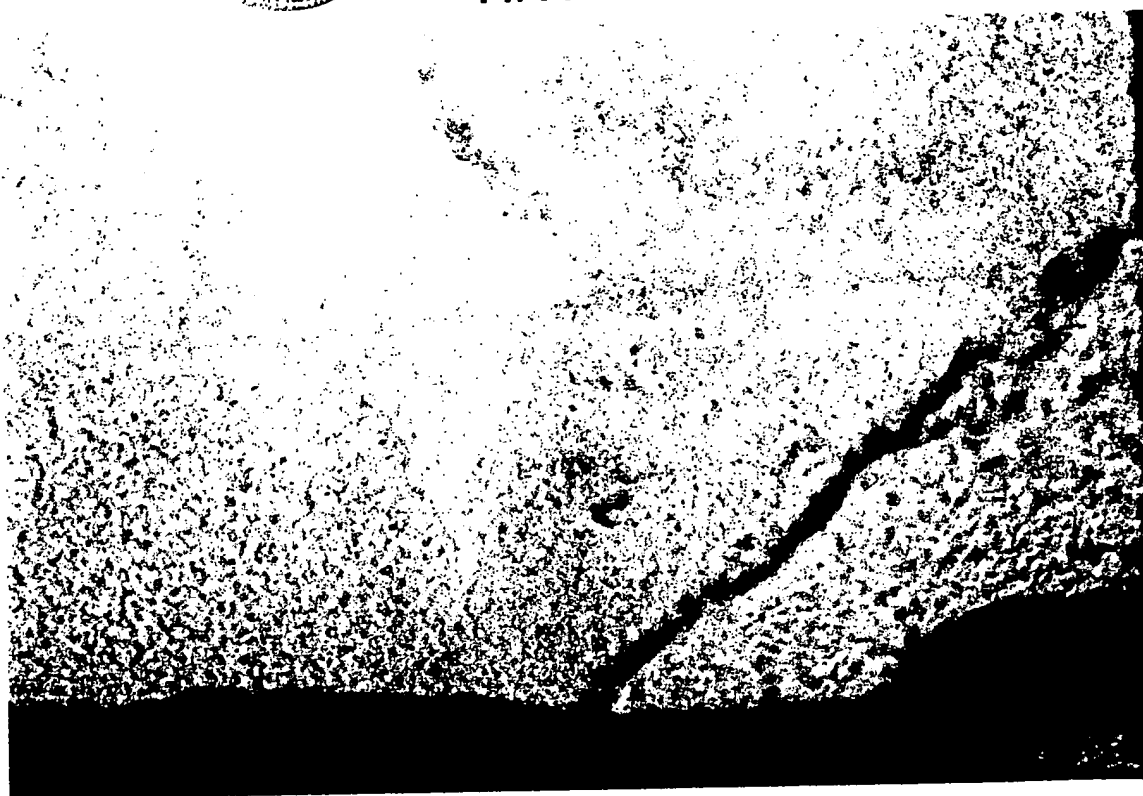
TOTAL CELL PLATING
CONTROL
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION

FIGURE 10



Serial No. 09/694,393
Replacement Sheet

11/11



**WITH PROTEIN GROWTH FACTORS
TREATED W/ FBS + 1mm Ca⁺⁺
CONTROL - SKIN SHEET DISPASE RELEASED
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION**

FIGURE 11

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